

Honey Cypress Creek Bridge at M-20
Channel Station 353+50
Mississippi County, AR
St. Francis Basin Project - Maintenance
DACW66-03-B-0022

ESTIMATED Bridge Quantities

1	Clearing & Grubbing	Overbank Clearing*	2.5 AC	
		Underbank Clearing	1,000 LF	
2	Excavation	Channel (Cut):	6,340 BCY	
3	Roadway & Field Access Ramp Embankments	Cut:	684 BCY	
		Fill:	1,073 ECY (less agg. Surfacing)	
4	Aggregate Surfacing		134 CCY (240 Tons)	
5	Finish Dressing, Fertilizing, Seeding & Mulching		2.5 AC	
6	Filter Material		436 TN	
7	Riprap, "R 90"		1,433 TN	
8	Concrete Piling, Precast, Prestressed 14-inch square	Purchase	1,140 LF	
		% Driven	86 %	
9	Cast-in-Place Structural Concrete	3,000 PSI Concrete	49 CY	(includes curbs)
		Reinforcing Steel	5,480 LBS	
		Form & Strip	2,340 SF	(includes curbs)
		Finishing	300 SF	
		Curing	2,529 SF	
10	Corrugated Metal Pipe, 24-Inch	Purchase & Install	60 LF	
11	Corrugated Metal Pipe, 30-Inch	Purchase & Install	34 LF	
12	Flared End Section, 24-Inch	Purchase & Install	2 LF	
13	Flared End Section, 30-Inch	Purchase & Install	1 EA	
14	Guardrail		336 LF	
15	Environmental Protection		1,200 LF	(both banks)
16	Bridge at Station 353+50	Pre-Cast Deck Beams	21 EA	
		Grouting, Keys	45 CF	
		Drill Holes	84 EA	(Drill 9"/Hole or 63')
		Epoxy Grout Holes	26 CF	
		1/2" Expansion Joint Material	85 SF	
		1" Expansion Joint Material	85 SF	
		1/2" Pre-formed Joint Filler	23 SF	
		Joint Sealer	114 LF	
		Backfill Around Abutments	134 ECY	

All quantities such as concrete, reinforcing steel, grout, etc include 5-10% for waste.

*All overbank areas have been under recent cultivation.

Honey Cypress Creek Bridge at M-21
Channel Station 382+40
Mississippi County, AR
St. Francis Basin Project - Maintenance
DACW66-03-B-0022

ESTIMATED Bridge Quantities

17	Clearing & Grubbing	Overbank Clearing*	2.8 AC	
		Underbank Clearing	1,000 LF	
18	Excavation	Channel (Cut):	6,970 BCY	
19	Roadway & Field Access Ramp Embankments	Cut:	1,419 BCY	
		Fill:	2,186 ECY	
20	Aggregate Surfacing		199 CCY (358 TNS)	
21	Finish Dressing, Fertilizing, Seeding & Mulching		2.8 AC	
22	Filter Material		527 TN	
23	Riprap, "R 90"		1,706 TN	
24	Concrete Piling, Precast, Prestressed 14-inch square	Purchase	1,236 LF	
		% Driven	83 %	
25	Cast-in-Place Structural Concrete	3,000 PSI Concrete	53 CY	
		Reinforcing Steel	5,936 LBS	
		Form & Strip	2,290 SF	
		Finishing	295 SF	
		Curing	2,476 SF	
26	Corrugated Metal Pipe, 18-Inch	Purchase & Install	20 LF	
27	Corrugated Metal Pipe, 24-Inch	Purchase & Install	85 LF	
28	Corrugated Metal Pipe, 30-Inch	Purchase & Install	46 LF	
29	Flared End Section, 18-Inch	Purchase & Install	1 EA	
30	Flared End Section, 24-Inch	Purchase & Install	2 EA	
31	Flared End Section, 30-Inch	Purchase & Install	1 EA	
32	Guardrail		332 LF	
33	Environmental Protection		1,200 LF	(both banks)
34	Utility Relocation		1 LS	
35	Bridge at Station 382+40	Pre-Cast Deck Beams	27 EA	
		Grouting, Keys	58 CF	
		Drill Holes	108 EA	(Drill 9"/Hole or 81')
		Epoxy Grout Holes	35 CF	
		1/2" Expansion Joint Material	90 SF	
		1" Expansion Joint Material	90 SF	
		1/2" Pre-formed Joint Filler	27 SF	
		Joint Sealer	131 LF	
		Backfill Around Abutments	158 ECY	
36	Miscellaneous Metal Items		1 LS	

All quantities such as concrete, reinforcing steel, grout, etc include 5-10% for waste.

*All overbank areas have been under recent cultivation.